

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 1, line 1, please delete the heading as follows:

~~SPECIFICATION~~

Page 1, line 15-line 28, please amend as follows:

Japanese Laid-Open Patent ~~document 1~~ Publication No. 10-157571 discloses an example of an immobilizer system for preventing vehicle theft. This immobilizer system includes a code verification device, which is installed in the vehicle. The code verification device compares an identification code transmitted from an ignition key with an identification code set in the vehicle. The code verification device enables the starting of the engine when the two codes match and disables starting of the engine when the two codes do not match. An authentic key is provided with an identification code that matches the identification code of the vehicle, which makes it possible to start the engine. However, a third person who does not possess the authentic ignition key cannot drive the vehicle. Consequently, the immobilizer system prevents vehicle theft.

Page 1, line 30 – Page 2, line 5, please amend as follows:

Japanese Laid-Open Patent ~~document 2~~ Publication No. 2002-295089 discloses an example of an engine start enabling mechanism provided with a smart ignition function. The

engine start enabling mechanism provided with a smart ignition function enables the engine to start when the user carries a portable device corresponding to the vehicle into the vehicle. This engine start enabling mechanism frees the user from burdensome operations such as inserting a mechanical key of a portable device into a key cylinder.

Page 3, line 16-line 19, please amend as follows:

~~[Patent Document 1] Japanese Laid-Open Patent Publication No. 10-157571~~

~~[Patent Document 2] Japanese Laid-Open Patent Publication No. 2002-295089~~

Page 3, line 21, please amend the heading as follows:

~~DISCLOSURE~~ SUMMARY OF THE INVENTION

Page 6, line 33 – Page 7, line 7, please amend as follows:

The transceiver unit 12 includes an antenna and a vehicle transceiver circuit (not shown). The transceiver unit 12 receives the signal transmitted from the portable device 10, demodulates the reception signal, and provides the demodulated reception signal to the smart ECU 13. When the transceiver unit 12 receives a request signal from the smart ECU 13, the request signal is modulated and a ~~demodulated~~ modulated request signal is transmitted via the antenna.

Page 15, line 20-line 29, please amend as follows:

The smart ECU 13 of the present embodiment generates a first code by performing a calculation with the vehicle code in order to establish the second coded communication and

stores the generated first code in the ~~nonvolatile~~ volatile memory 13a. However, the smart ECU 13 does need not to store the generated first code in the memory 13a. In such a case, the smart ECU 13 generates a first code by performing a calculation each time the second coded communication is performed.

Page 16, line 28-Page 16, line 10, please amend as follows:

The second communication means is not limited to the engine ECU 15. For example, the second communication means may also be a door ECU for controlling the raising and lowering of the window glass. In this case, the door ECU enables the raising and lowering of the window glass when mutual authentications have been established in all mutual authentications including the first coded communication, the second coded communication, and the third coded communication. The second communication means may also be a CPU (ECU) for controlling the operation of a car audio device. In such cases, the ~~CUP~~ CPU enables the operation of the power window or the operation of the car audio device when mutual authentication is established for all mutual authentications including the first through third coded communications. This prevents unauthorized use of these vehicle apparatuses by a third person.